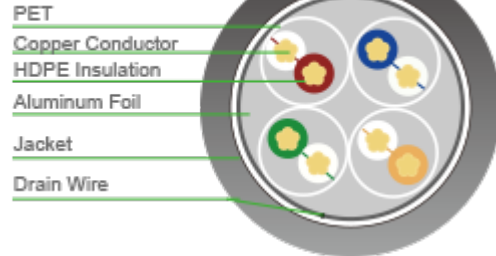


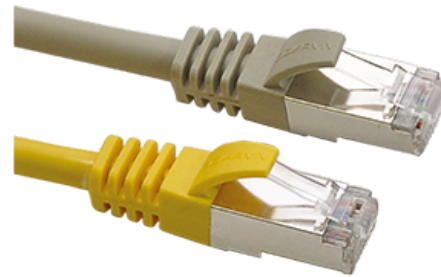
DESCRIPTION

VIVANCO Category 5e FTP patch cords are manufactured, tested and independently verified to the ISO11801 and EN50173 and ANSI/TIA-568-C.2 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations. Stranded conductors are more flexible and convenient for wiring, injection molding with ear and snagless.



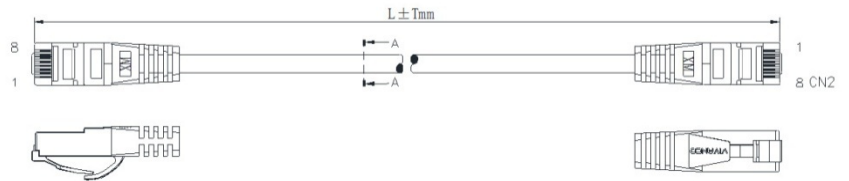
FEATURES & BENEFITS

- 25 Year System Warranty
- Category 5e Compliant
- Foil Tape Screen
- Backward Compatible
- T568B wiring
- PVC or LSOH Outer Sheath
- 750 Insertion Cycles (plug in/out) Durability
- Zero halogen, no corrosive gases IEC 60754-1 (LSZH)
- Flame propagation IEC 60332-1 (LSZH)
- Smoke density IEC 61034-1 (LSZH)



TYPICAL APPLICATIONS

- 100BASE - TX Fast Ethernet
- 155 Mbps ATM
- Token Ring
- VOIP Applications



Shielding		F/UTP	
Pair		4	
Color code		White-blue, blue, white-orange, orange, white-green, green, white-brown, brown	
AWG		26AWG	
Conductor	Structure	Stranded	
	Diameter	7/0.16±0.008BC	
Insulation	Material	HDPE	
	Diameter	0.88REF	
Shielding	Shield Type	Foil Tape Shield	
	Material	AL	
Connector	Gold Plating	50microinch	
	TYPE	8P8C	
	Assembly TYPE	Molding	
	Durability	≥1000	
Jacket	Material	CM, LSZH, PVC	
	Color	Blue, Grey, Red, Yellow	
	Diameter	5.3±0.2mm	
Packaging		1PC/Polybag	
Length Tolerance		Length	Tolerance
		≤1000mm	±30mm
		1000<L≤5000mm	±50mm



	5000 < L ≤ 10000mm	±100mm
	10000 < L ≤ 20000mm	±200mm
Installation Temperature Range	0°C~+50°C	
Operating Temperature Range	-10°C~+60°C	

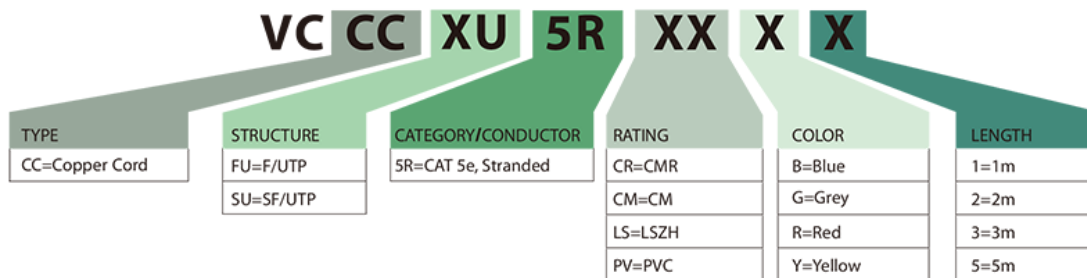
MECHANICAL CHARACTERISTICS

Cable under the minimum tension		≥ 100N
Conductor elongation		≥ 15%
Jacket before Aging	Tensile Strength	≥ 10Mpa
	Elongation	≥ 125%
Jacket After Aging	Tensile Strength	≥ 8Mpa
	Elongation	≥ 100%
Minimum Bend Radius		8x overall diameter

ELECTRICAL CHARACTERISTICS

100% Test(Open , short ,miss wire)	
Impedance	(4~100 f(MHz)) 100 ± 15 Ω
DC Resistance Unbalance(%): Max 2.5	≤ 2.5%
Dielectric strength Between Conductors	1.0Kv,1Min no breakdown
Operating Voltage	Max 48V
Delay Skew	≤ 50ns/100m
Delay	≤ 555ns/100m
Dielectric strength	≥ 5000M Ω · km +20° C DC (100-500)V
NVP	69%

NAME CODING



ORDERING INFORMATION

Part No	Description	Length
VCCCFU5RCMG3	VIVANCO CAT 5e Shielded F/UTP 26AWG CM Patch Cord, GRAY	3M
VCCCFU5RLSG3	VIVANCO CAT 5e Shielded F/UTP 26AWG LSZH Patch Cord, GRAY	3M
VCCCFU5RPVG3	VIVANCO CAT5e Shielded F/UTP 26AWG PVC Patch Cord, GRAY	3M

Note: In this specification, we just list our standard length, color and jacket type, but we can customize as well.